

## Patent Abstracts of Japan

PUBLICATION NUMBER : 04067068  
PUBLICATION DATE : 03-03-92

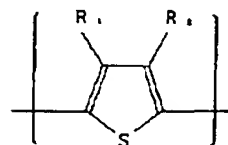
APPLICATION DATE : 05-07-90  
APPLICATION NUMBER : 02176207

APPLICANT : CANON INC;

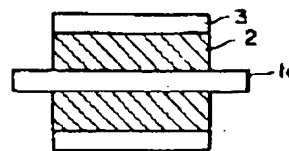
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INT.CL. : G03G 15/02

TITLE : ELECTRIFYING MEMBER



(1)



ABSTRACT : PURPOSE: To allow the stable supply of high-grade images by providing a resin layer contg. a resin having a thiophene compd. as a constituting unit on a conductive elastic layer.

CONSTITUTION: The basic form of this member is to adopt the three-layered constitution consisting in providing the conductive elastic layer 2 on a conductive base 1 and providing the resin layer 3 contg. the resin having the thiophene compd. of formula I as the constitutional unit on the elastic layer 2. In the formula,  $R_1$  and  $R_2$  are a hydrogen atom, halogen atom, alkyl group, aryl group, alkoxy group or amino group. The electrifying member having the resin layer contg. the thiophene compd. of the formula I as the constitutional unit has the low adhesiveness to an electrophotographic sensitive body and has resilience as well. The images having high quality are obtd. in this way and the contamination with toners is lessened. The fluctuation in the volumetric resistance of the resin layer is lessened even at and under a low temp. and low humidity. The member is thus usable as the stable electrifying member.

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